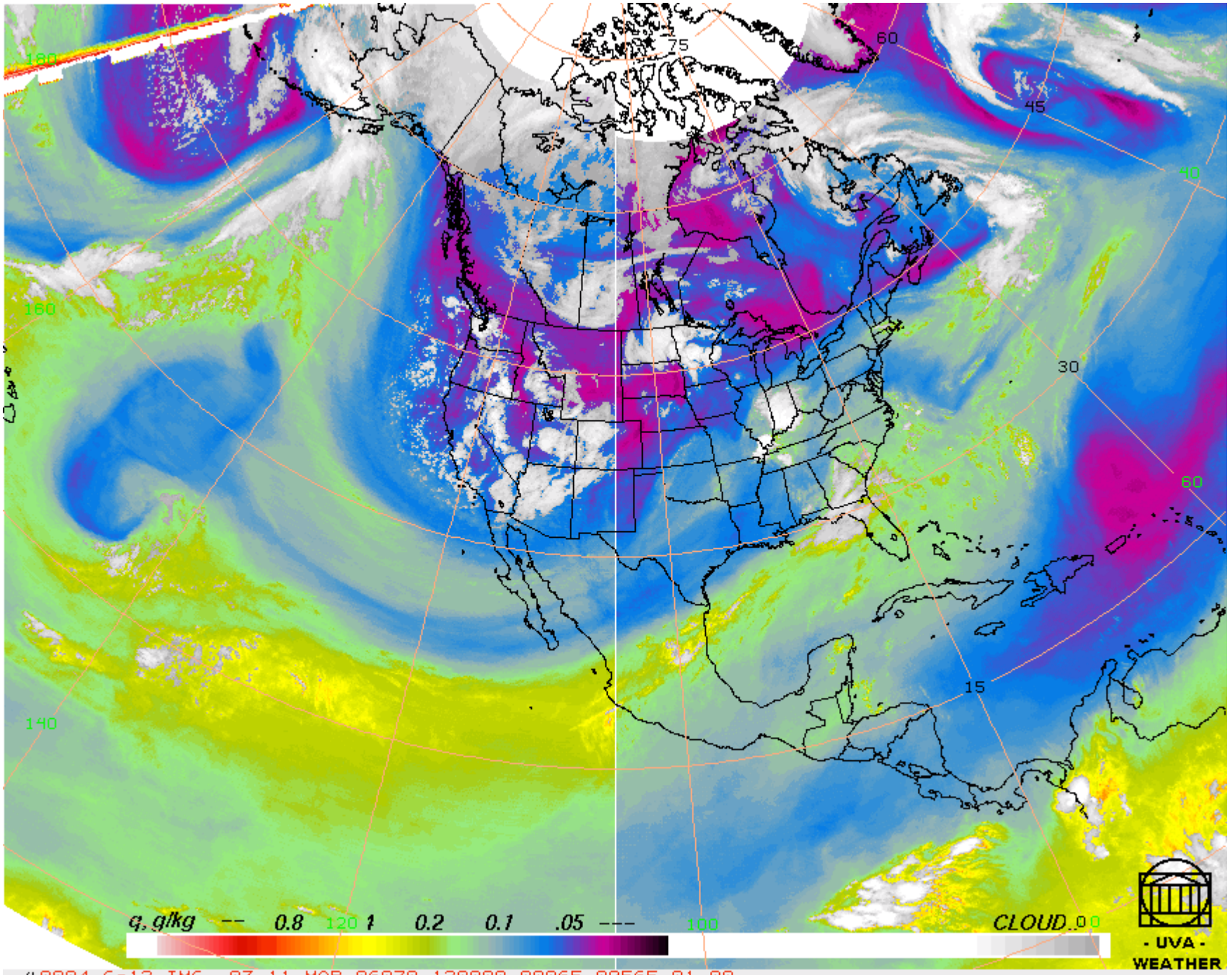
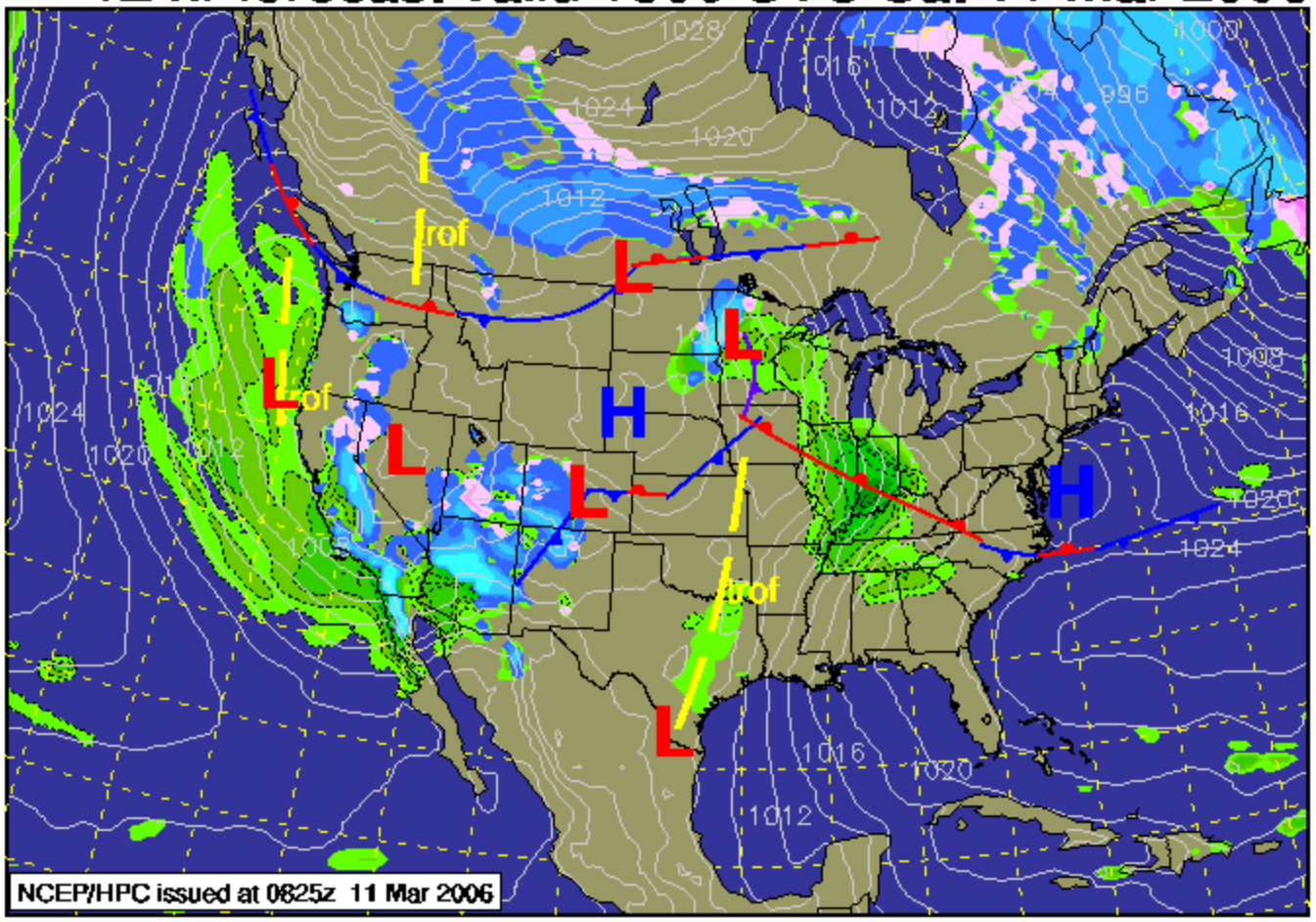
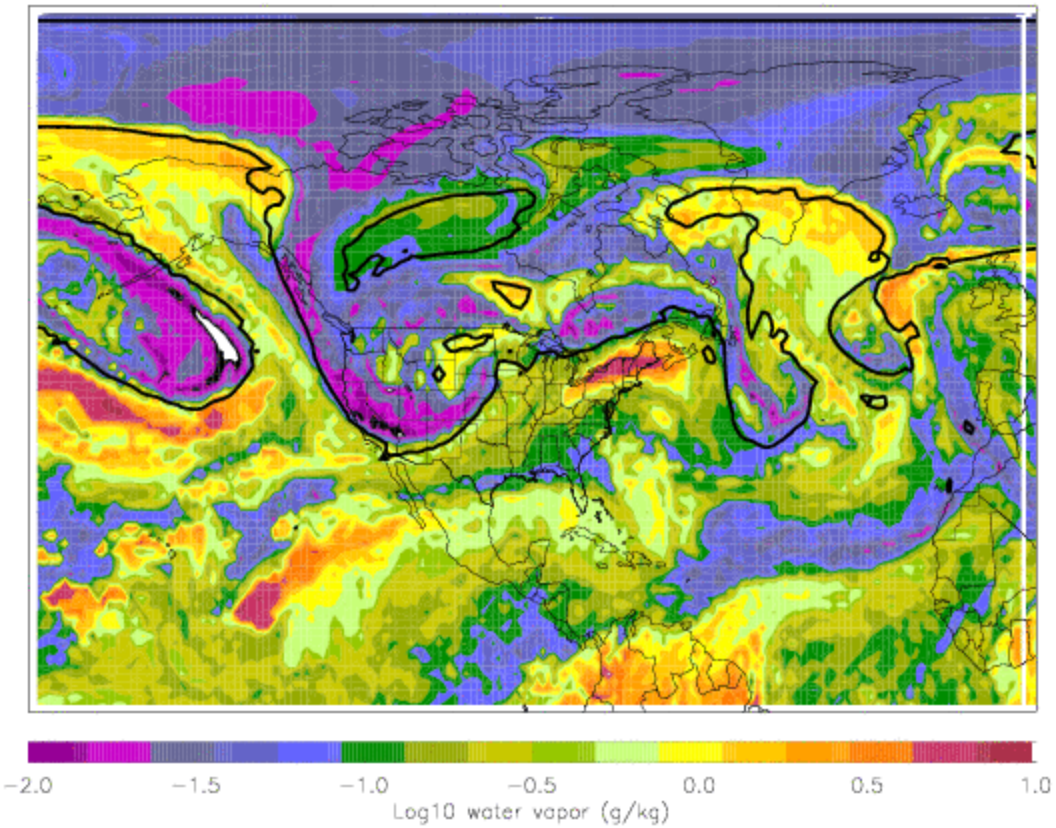
Today, Saturday March 11

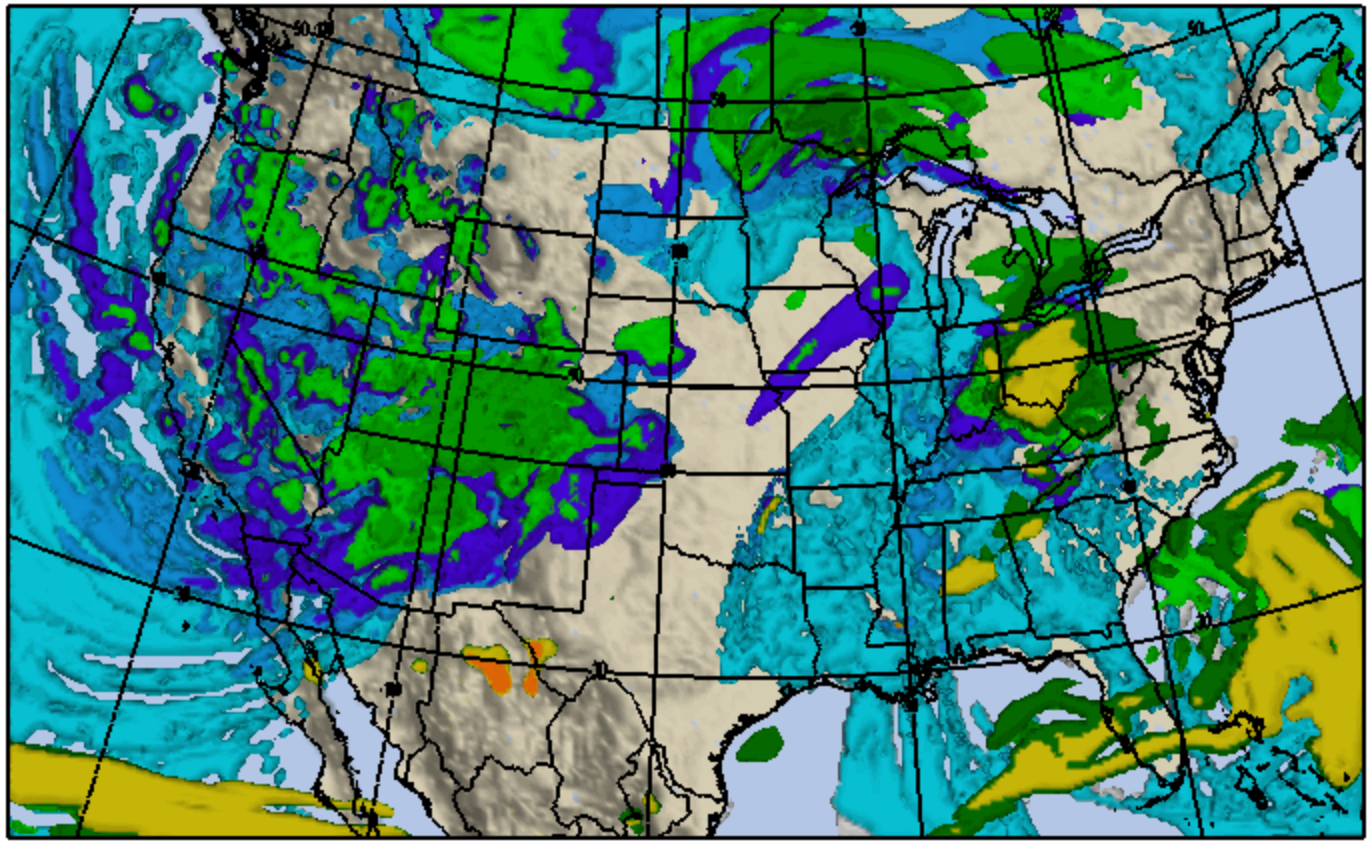

180
75
60
45
40
160
30
60
15
140
100
q, g/kg -- 0.8 120 1 0.2 0.1 .05 ---
CLOUD 00
- UVA -
WEATHER
4 0004 G-12 IMG 03 11 MAR 06070 120000 00065 09565 01.00

12 hr forecast valid 1800 UTC Sat 11 Mar 2006



200–400mb Layer averaged –48hr RDF water vapor valid 2006031218
(Layer averaged 2.5 PVU isopleth in Black)





11 Mar 06
Saturday
2100Z
15hr FCST

Vis5D

Air Force
Weather
Agency

MM5 15.0Km
Model Time
06031106Z

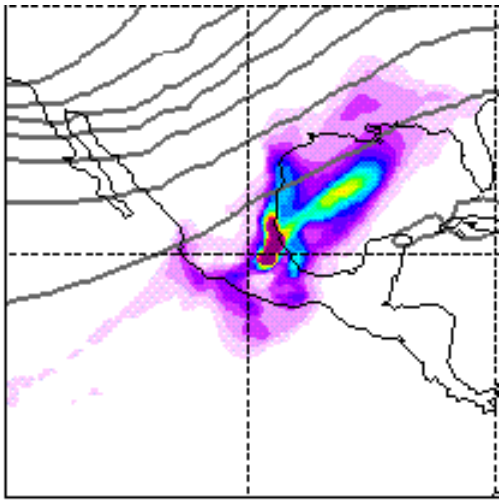
H_KFT
60.00
45.00
30.00
15.00
0.00

11 Mar 06
2100Z

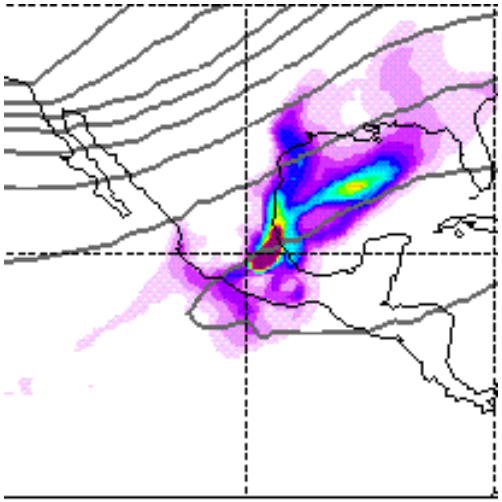
Cloud Tops (MSL)

Flexpart Model Total Column CO Friday 3/11/00 model Run

Saturday 12Z

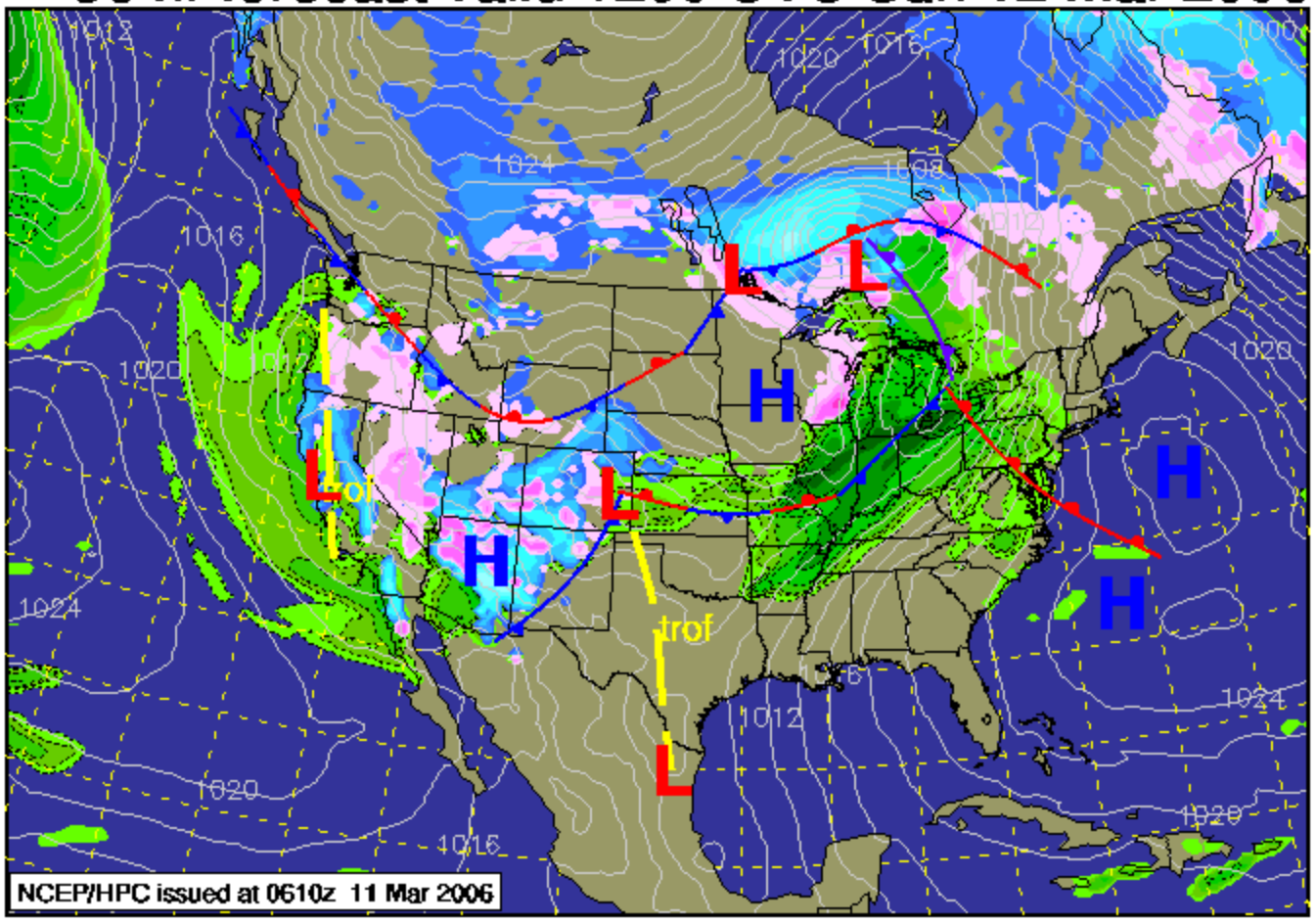


Saturday 18Z

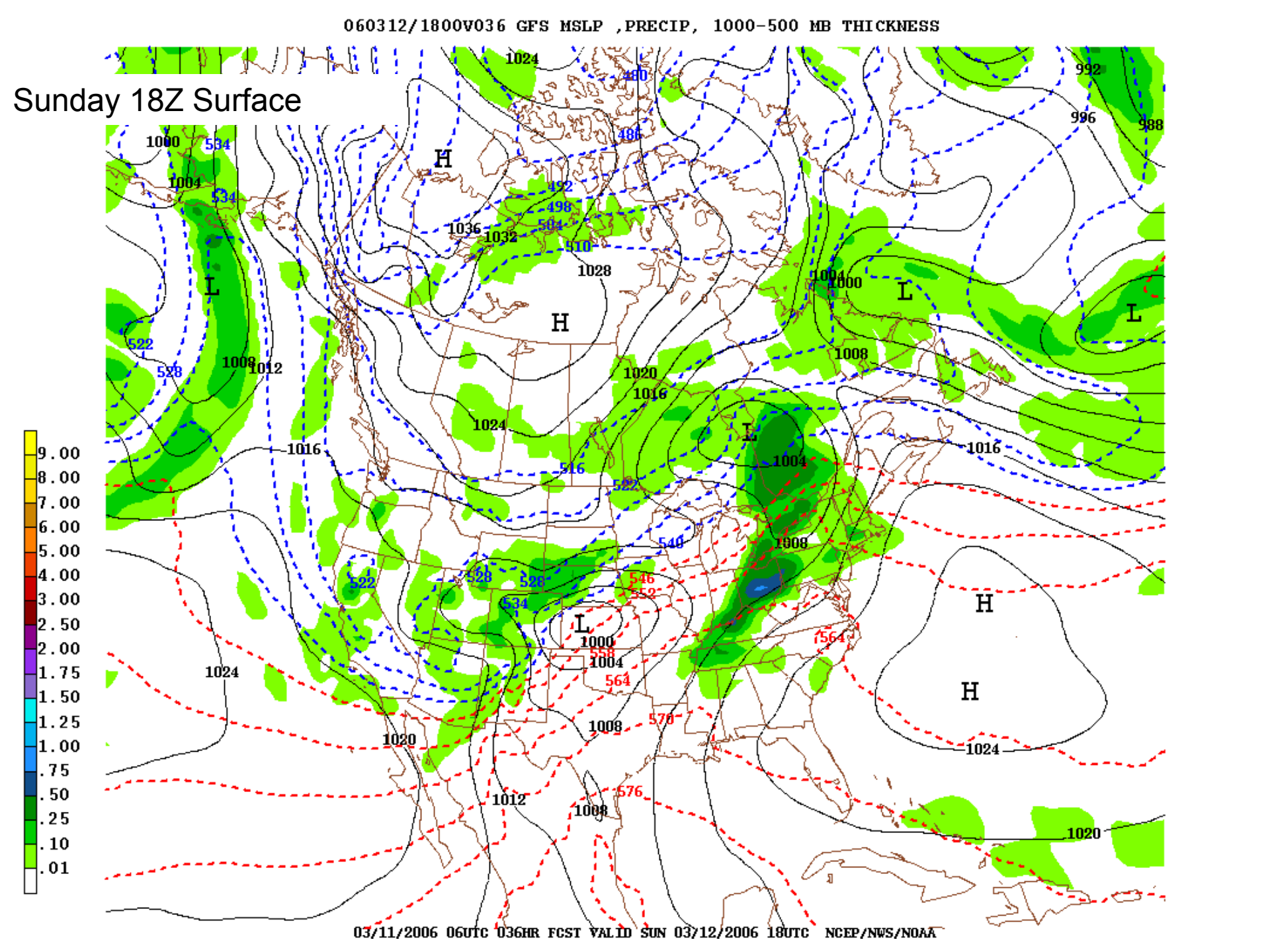


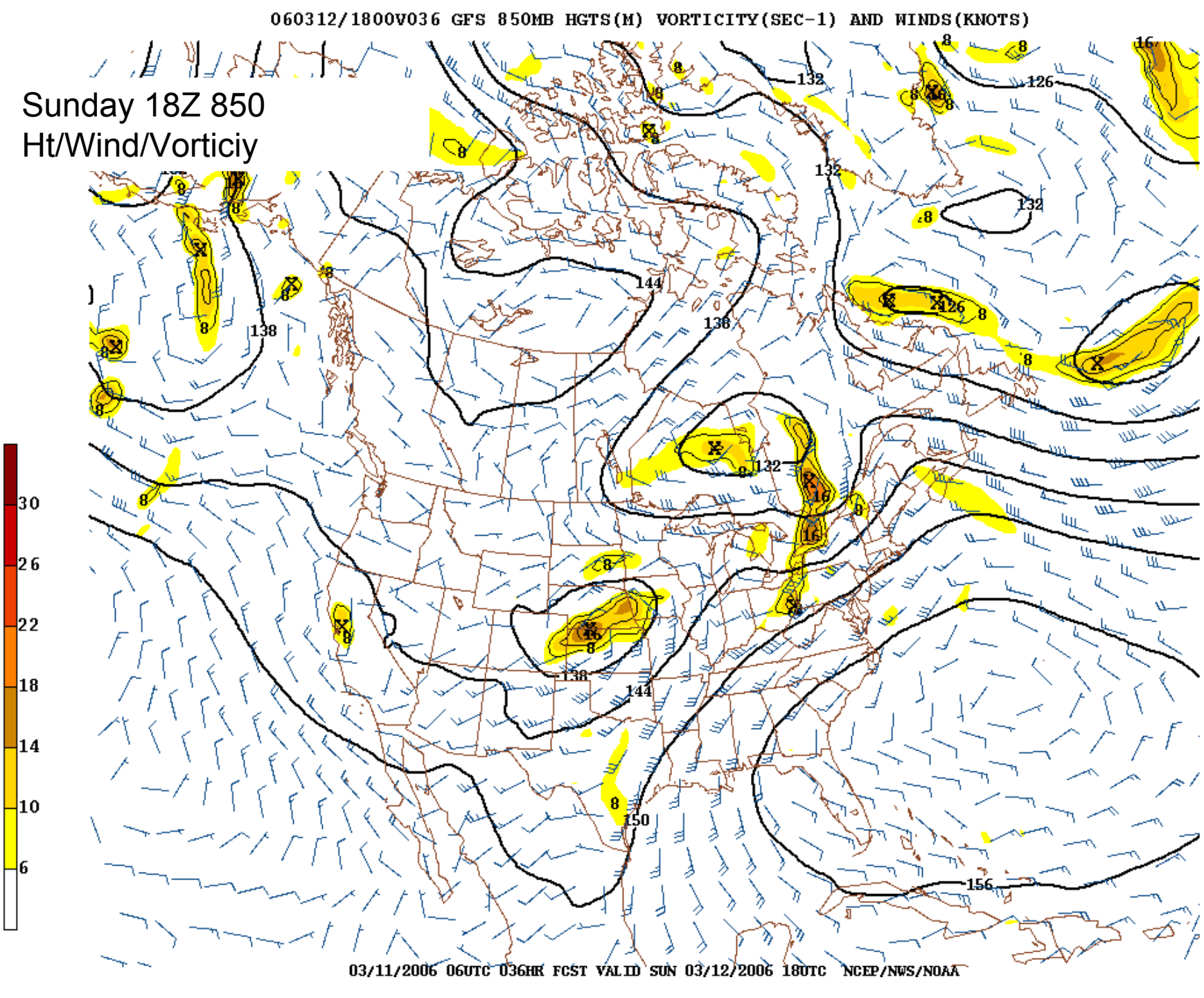
Sunday March 12

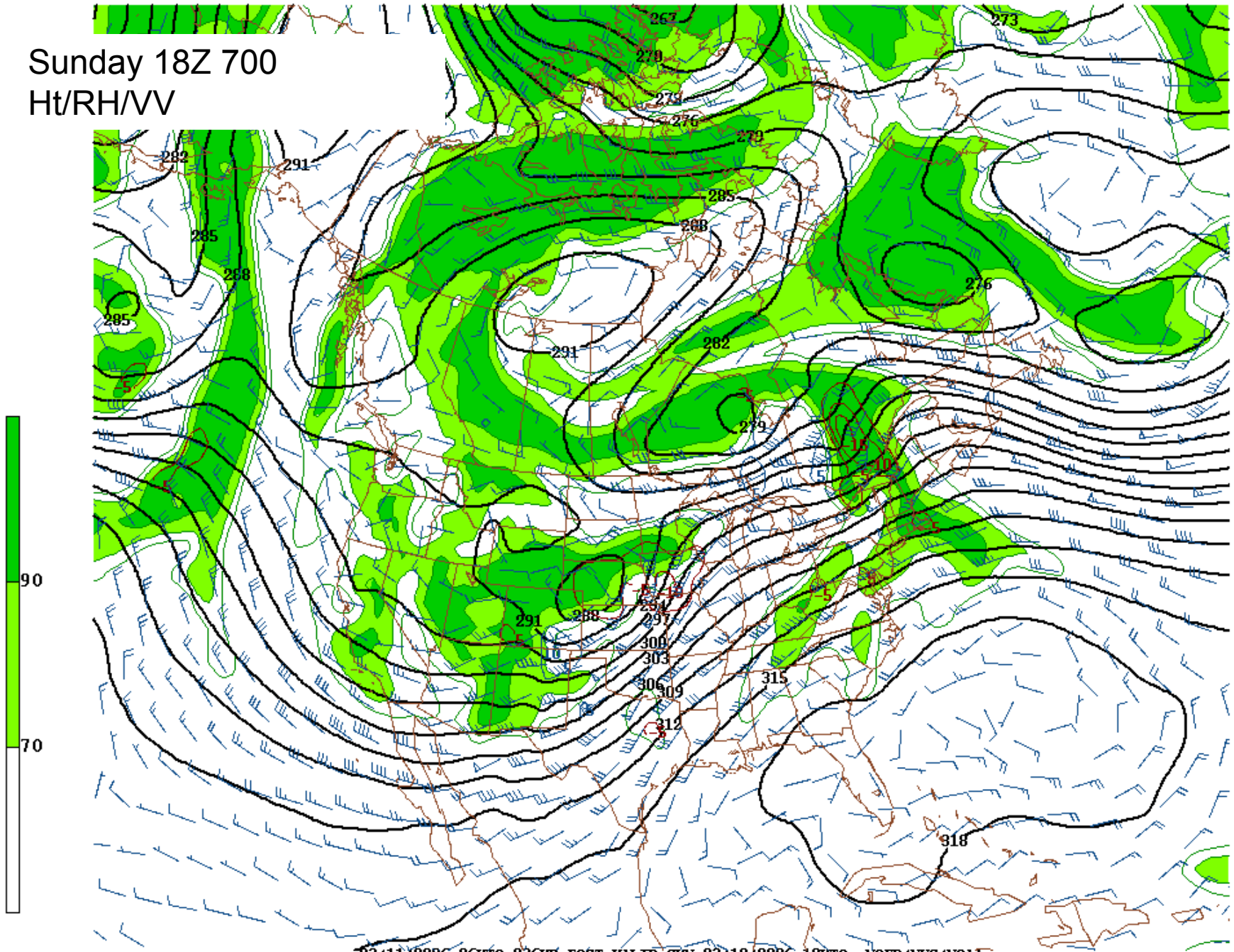
36 hr forecast valid 1200 UTC Sun 12 Mar 2006

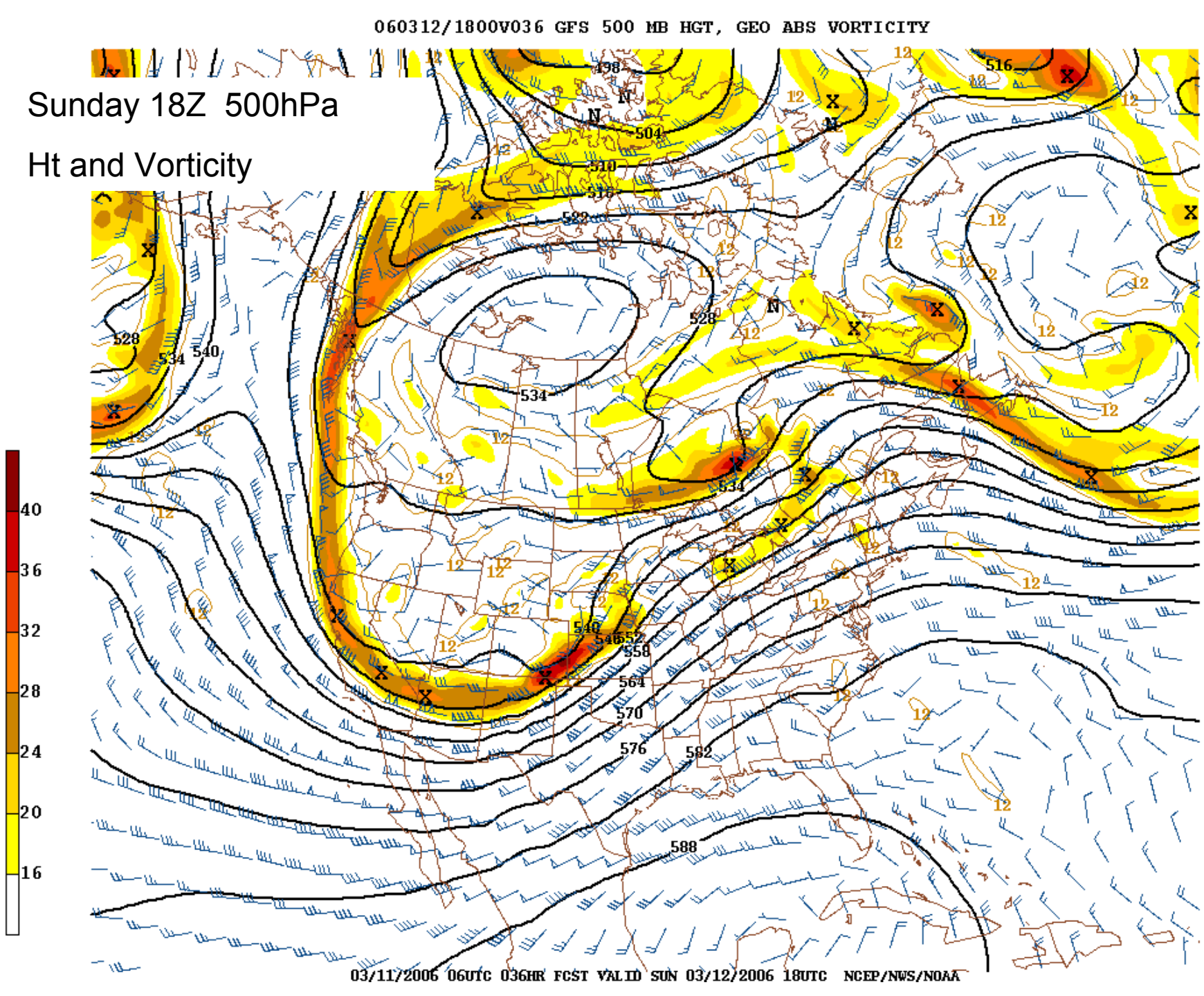


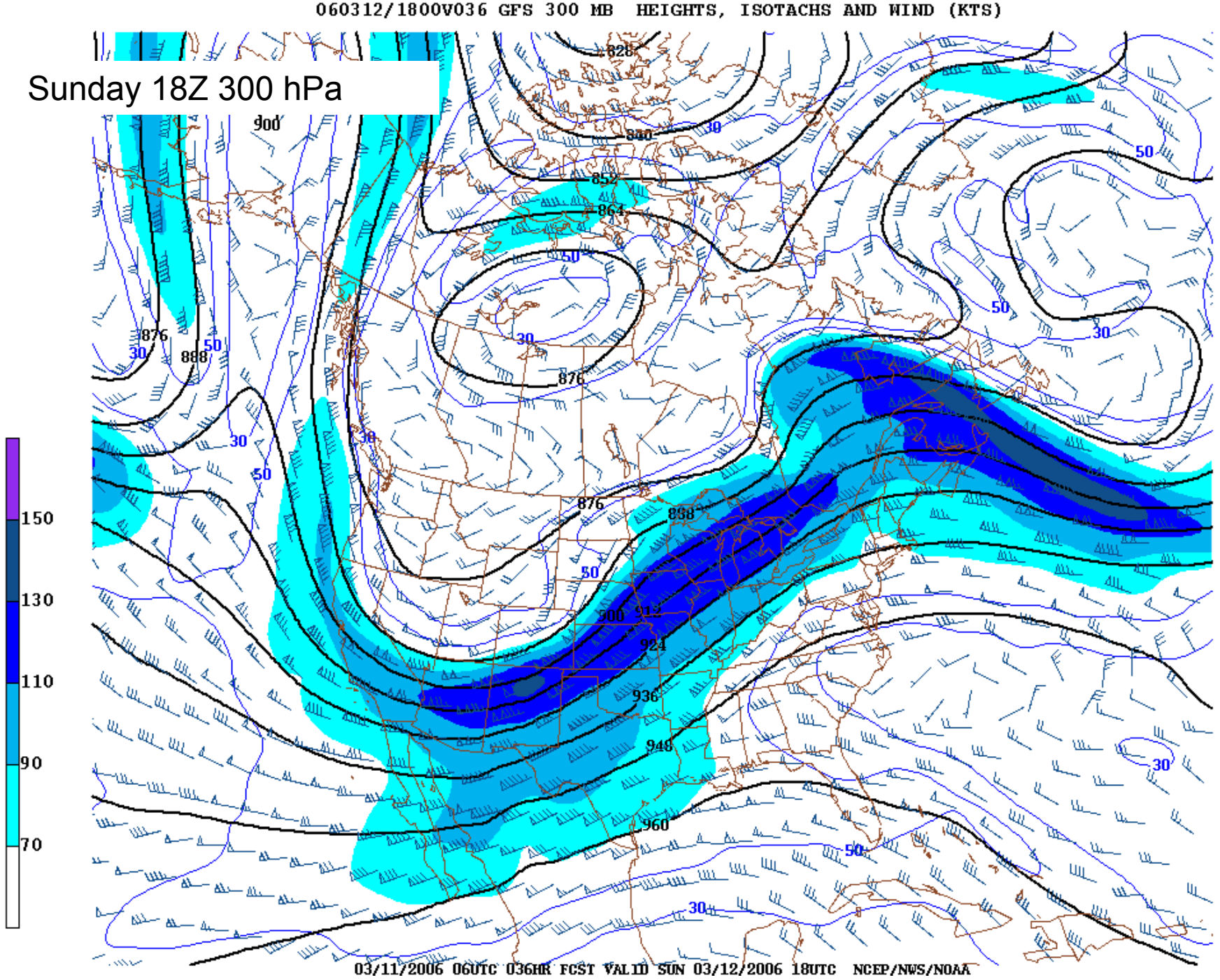
Rain Snow Wintry mix

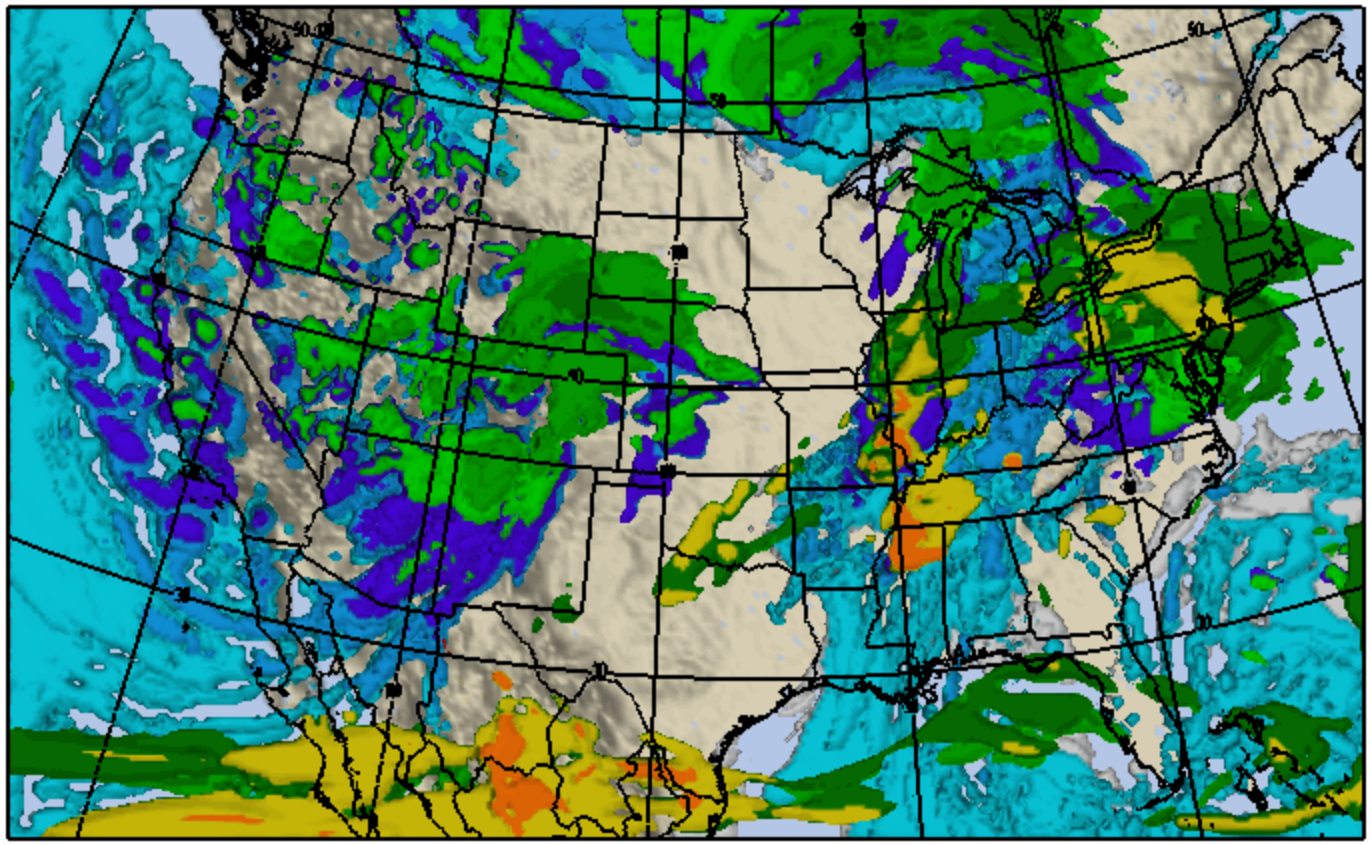

060312/1800V036 GFS MSLP ,PRECIP, 1000-500 MB THICKNESS
Sunday 18Z Surface
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.50
2.00
1.75
1.50
1.25
1.00
.75
.50
.25
.10
.01
03/11/2006 06UTC 036HR FCST VALID SUN 03/12/2006 18UTC NCEP/NWS/NOAA


060312/1800V036 GFS 850MB HGTS(M) VORTICITY(SEC-1) AND WINDS(KNOTS)
Sunday 18Z 850
Ht/Wind/Vorticiy
30
26
22
18
14
10
6
03/11/2006 06UTC 036HR FCST VALID SUN 03/12/2006 18UTC NCEP/NWS/NOAA

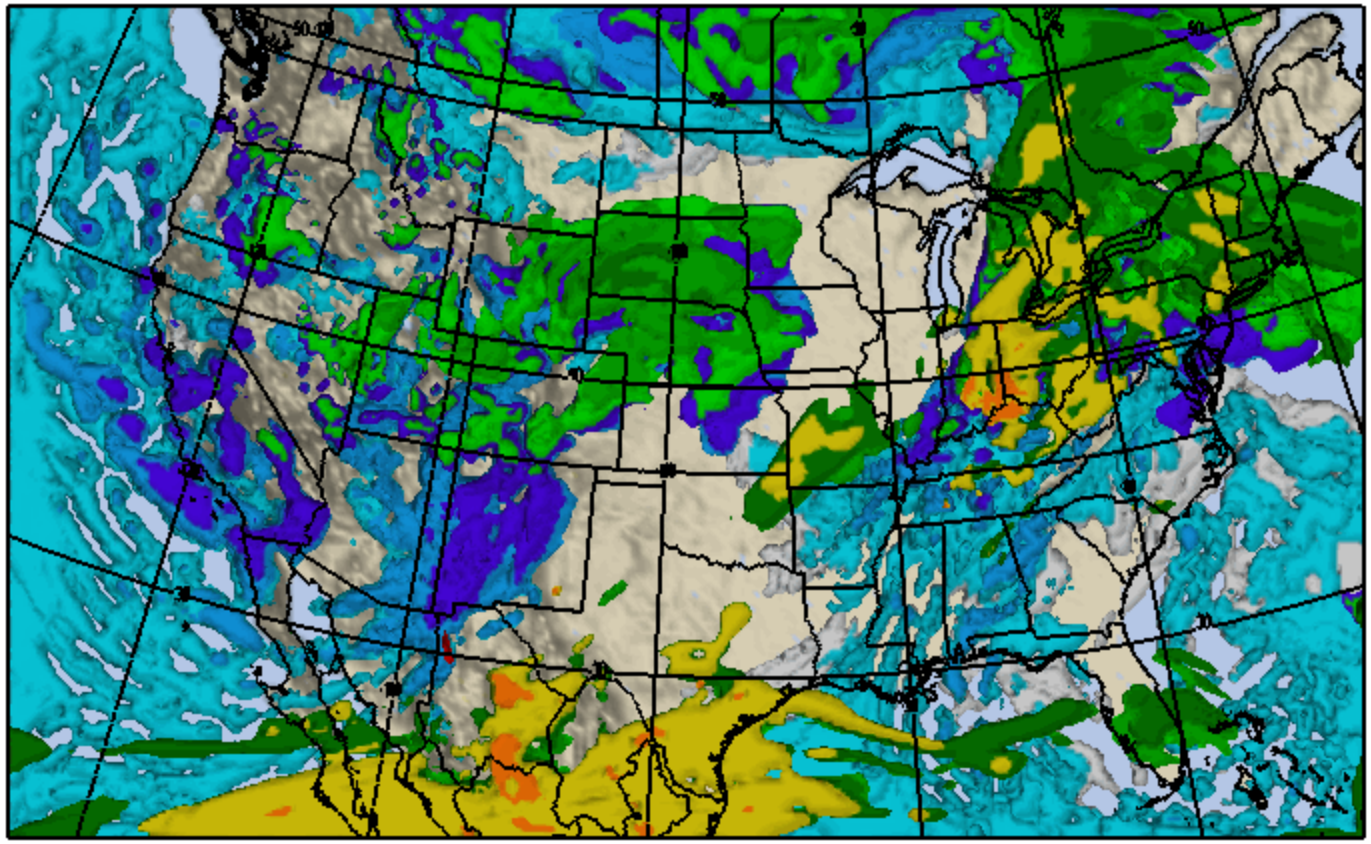

060312/1800V036 GFS 700 MB HGT, REL HUMIDITY AND OMEGA
Sunday 18Z 700
Ht/RH/VV
90
70
03/11/2006 06UTC 036HR FCST VALID SUN 03/12/2006 18UTC NCEP/NWS/NOAA


060312/1800V036 GFS 500 MB HGT, GEO ABS VORTICITY
Sunday 18Z 500hPa
Ht and Vorticity
40
36
32
28
24
20
16
498
504
510
516
522
528
534
540
546
552
558
564
570
576
582
588
03/11/2006 06UTC 036HR FCST VALID SUN 03/12/2006 18UTC NCEP/NWS/NOAA


060312/1800V036 GFS 300 MB HEIGHTS, ISOTACHS AND WIND (KTS)
Sunday 18Z 300 hPa
150
130
110
90
70
03/11/2006 06UTC 036HR FCST VALID SUN 03/12/2006 18UTC NCEP/NWS/NOAA



Cloud Tops (MSL)



12 Mar 06
Sunday
1200Z
30hr FCST

Vis5D

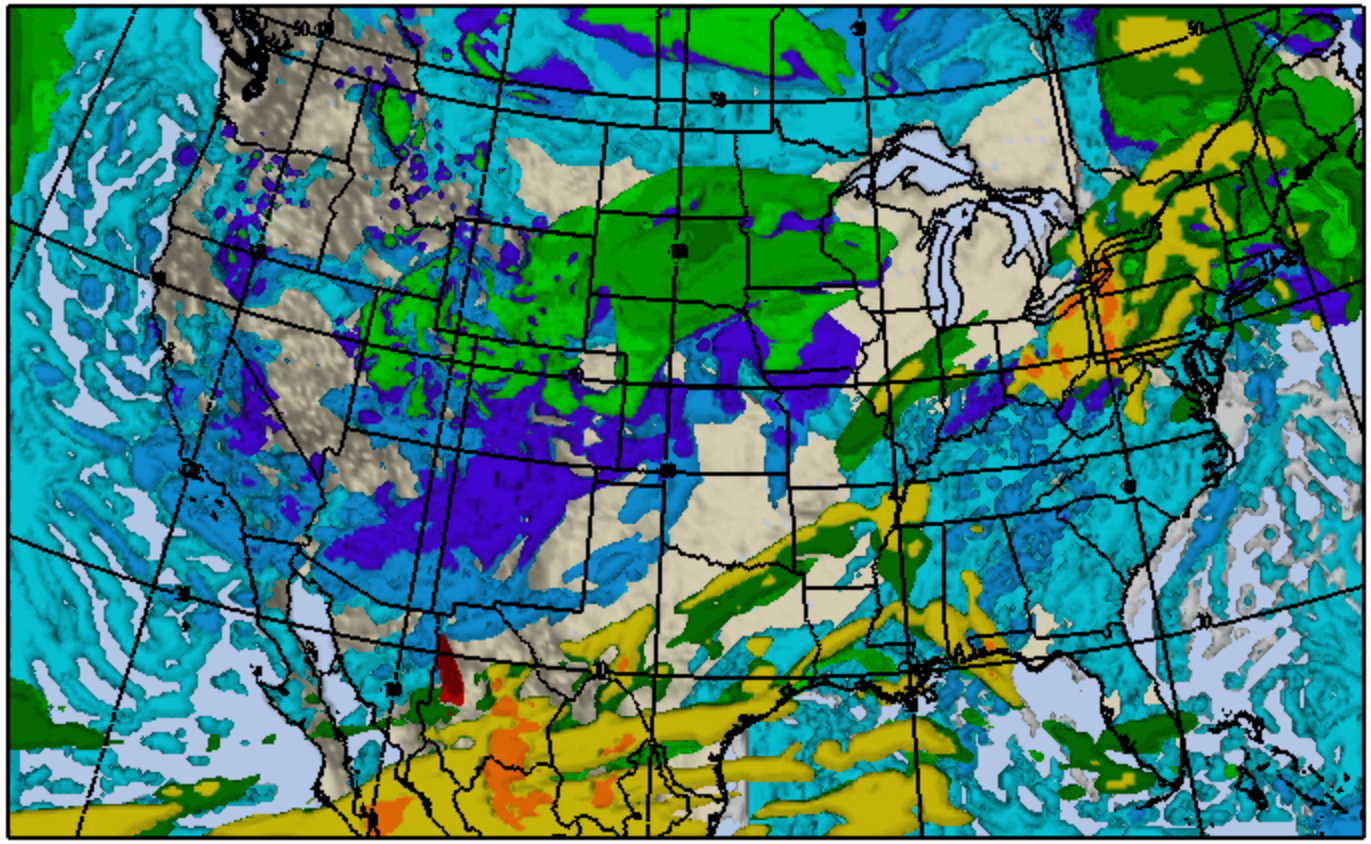
Air Force
Weather
Agency

MM5 15.0Km
Model Time
06031106Z

H_KFT
60.00
45.00
30.00
15.00
0.00

12 Mar 06
1200Z

Cloud Tops (MSL)



12 Mar 06
Sunday
1800Z
36hr FCST

Vis5D

Air Force
Weather
Agency

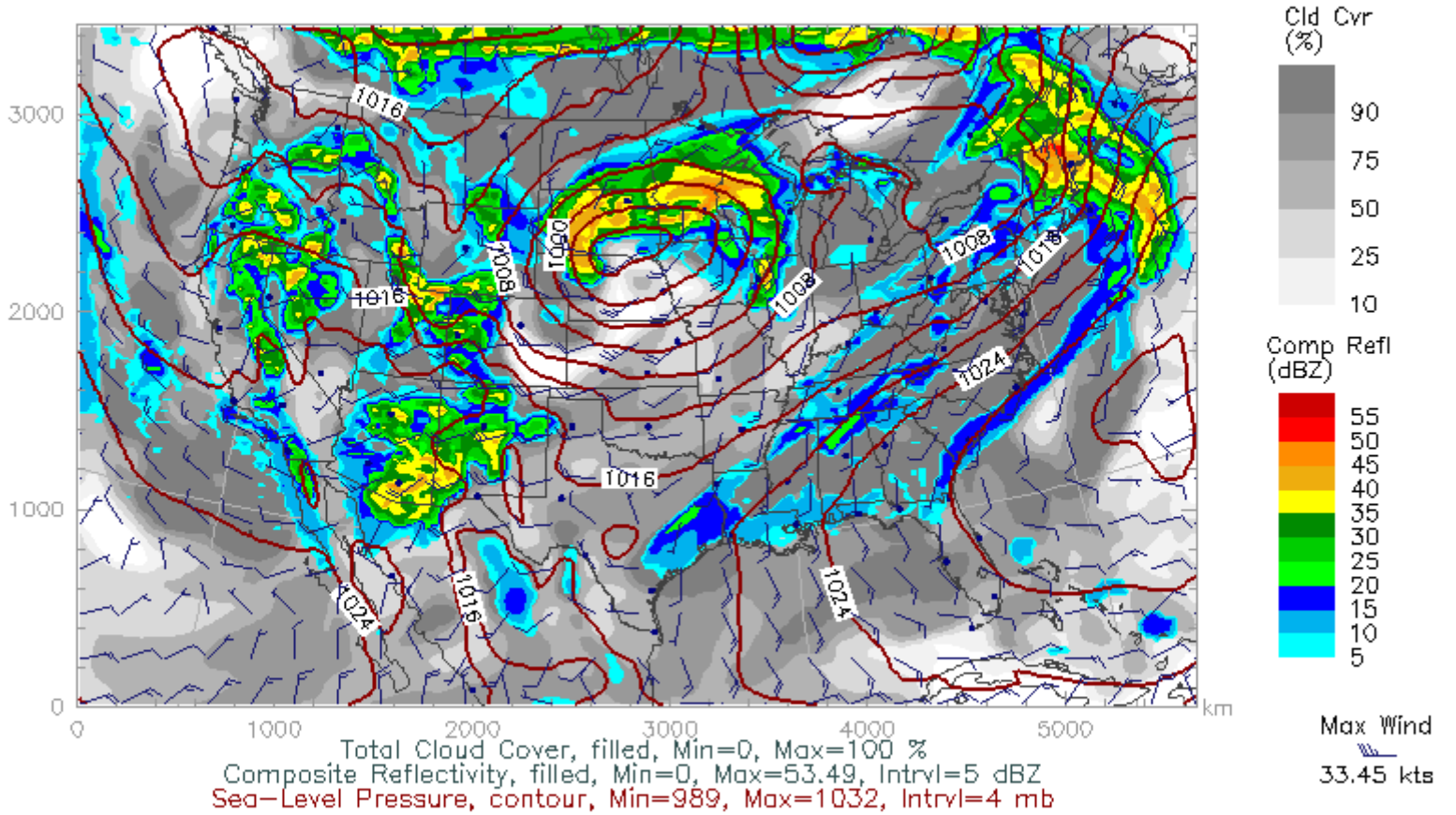
MM5 15.0Km
Model Time
06031106Z

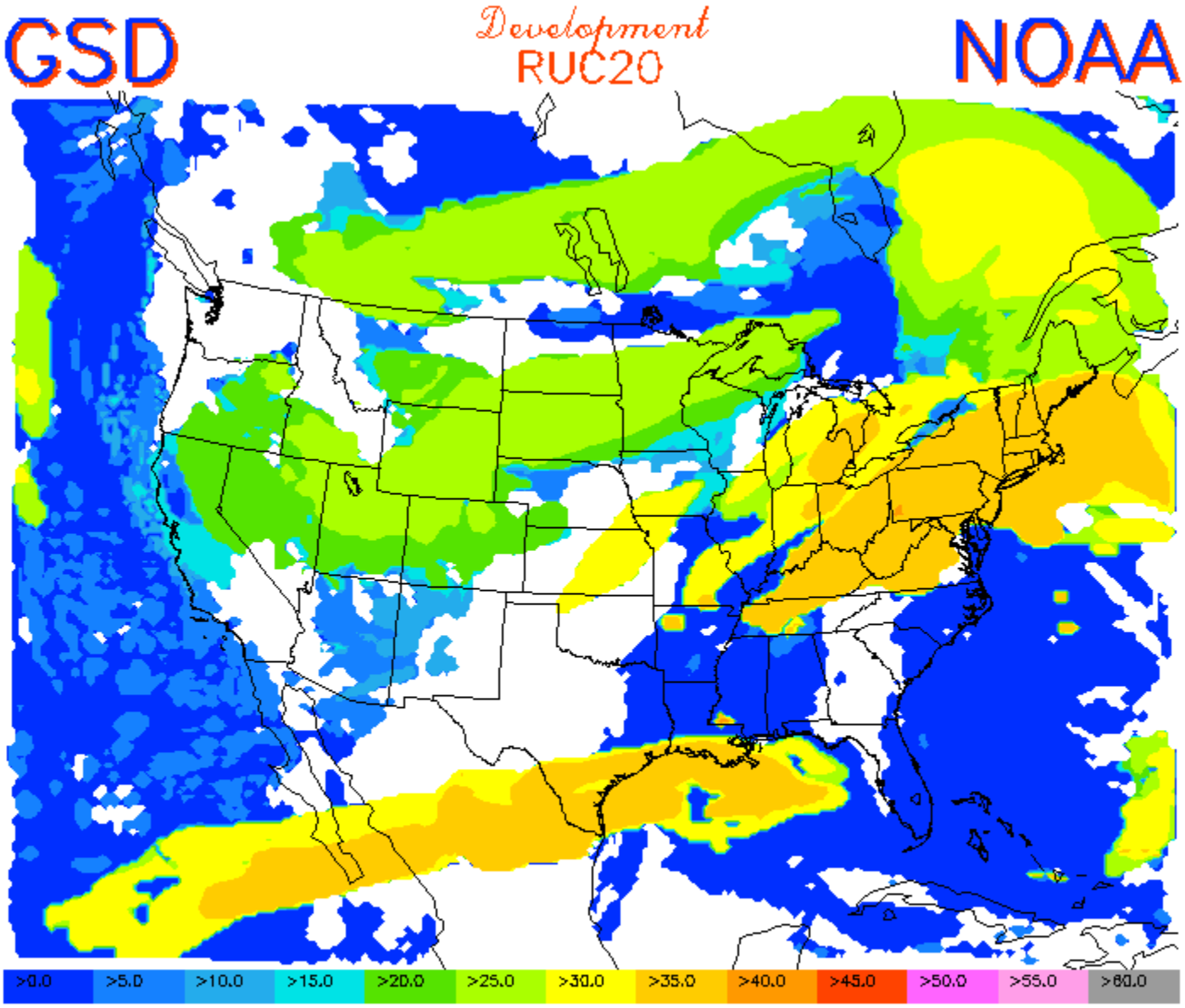
H_KFT
60.00
45.00
30.00
15.00
0.00

12 Mar 06
1800Z

Cloud Tops (MSL)

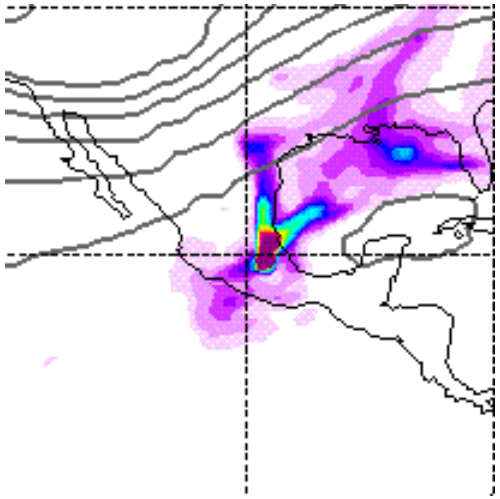
42 hr ARPS forecast valid Sun, 12 Mar 2006, 12 pm CST (18Z)
Radar, Clouds, MSL Pressure



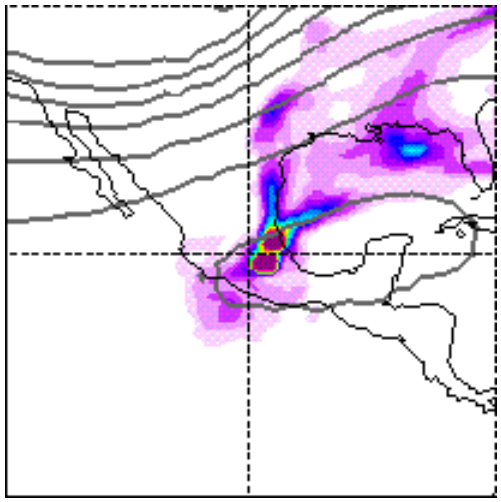

GSD
Development
RUC20
NOAA
>0.0
>5.0
>10.0
>15.0
>20.0
>25.0
>30.0
>35.0
>40.0
>45.0
>50.0
>55.0
>60.0
Cloud top height (kft)
30-hr fcst valid 12-Mar-06 18:00Z

Flexpart Model Total Column CO 3/11/00 model Run

Sunday 12Z

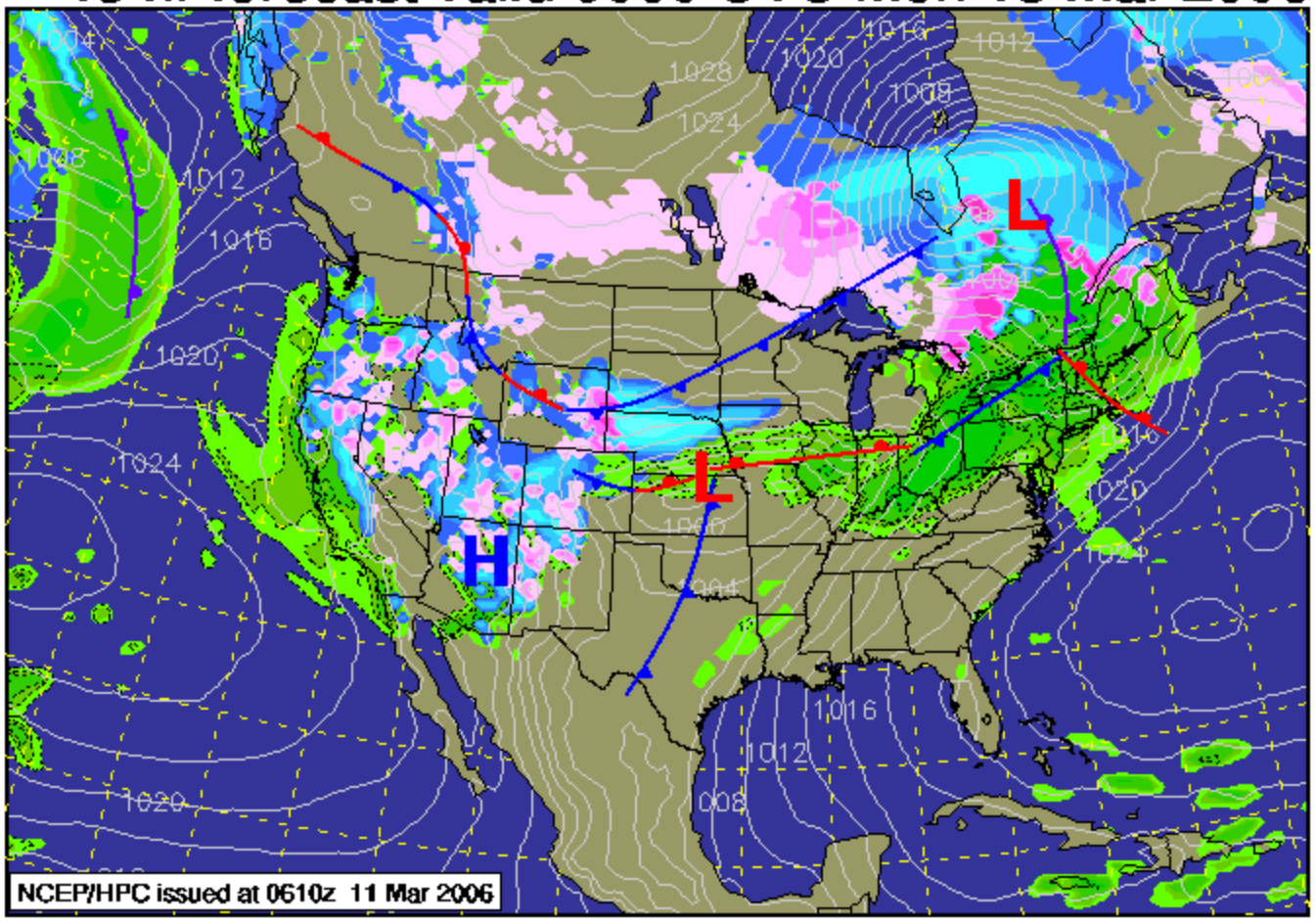


Sunday 18Z

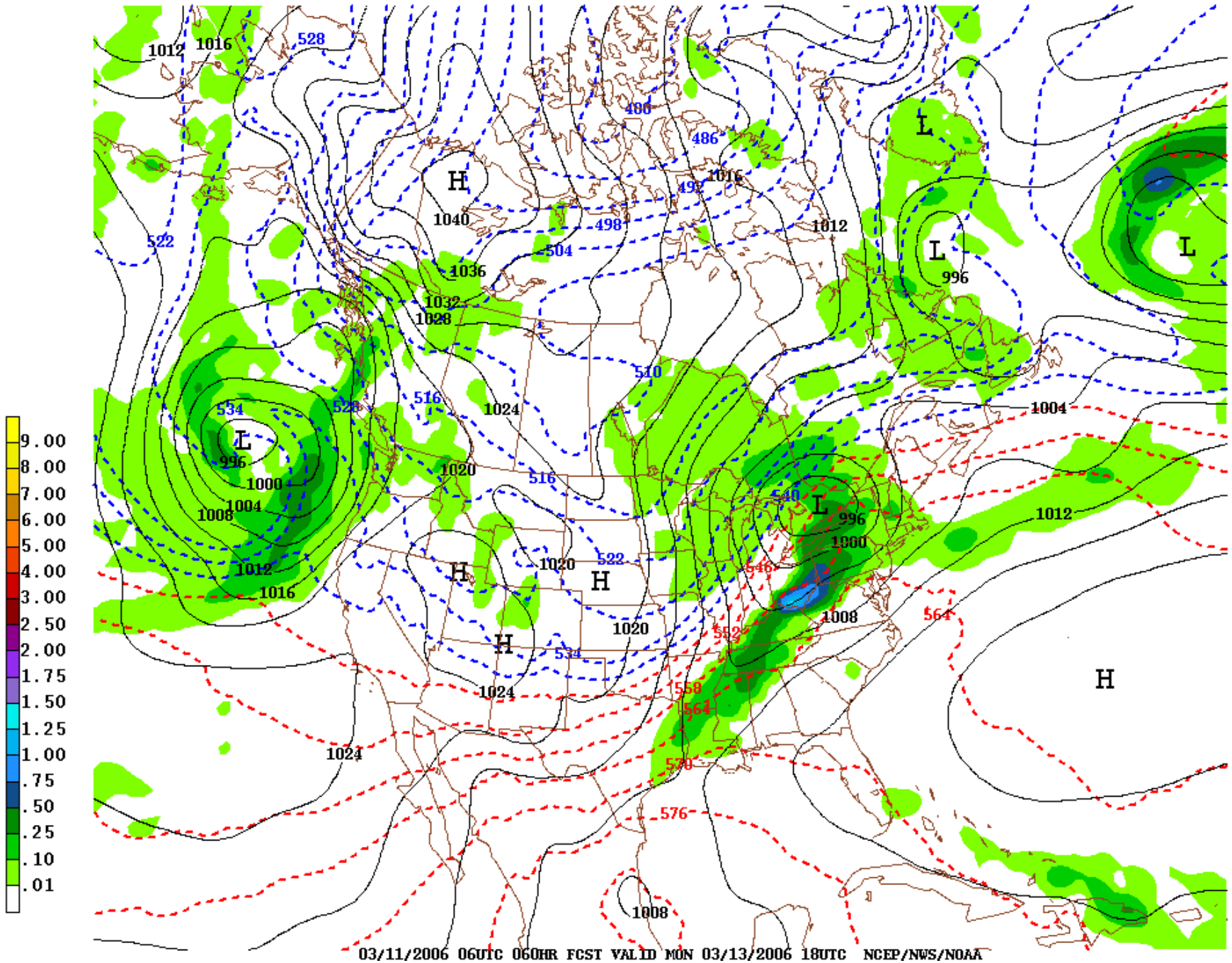


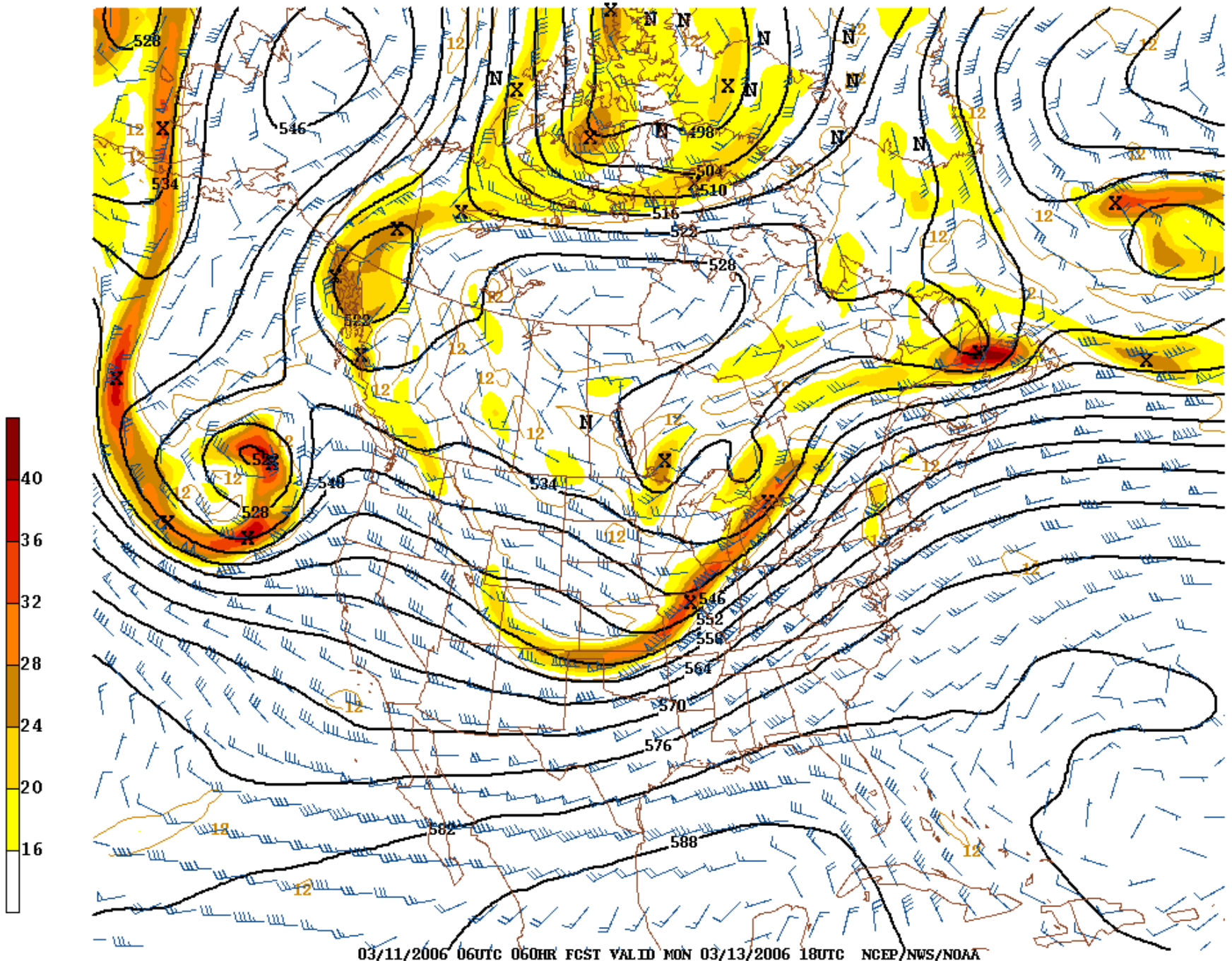
Monday-Tuesday
March 13-14

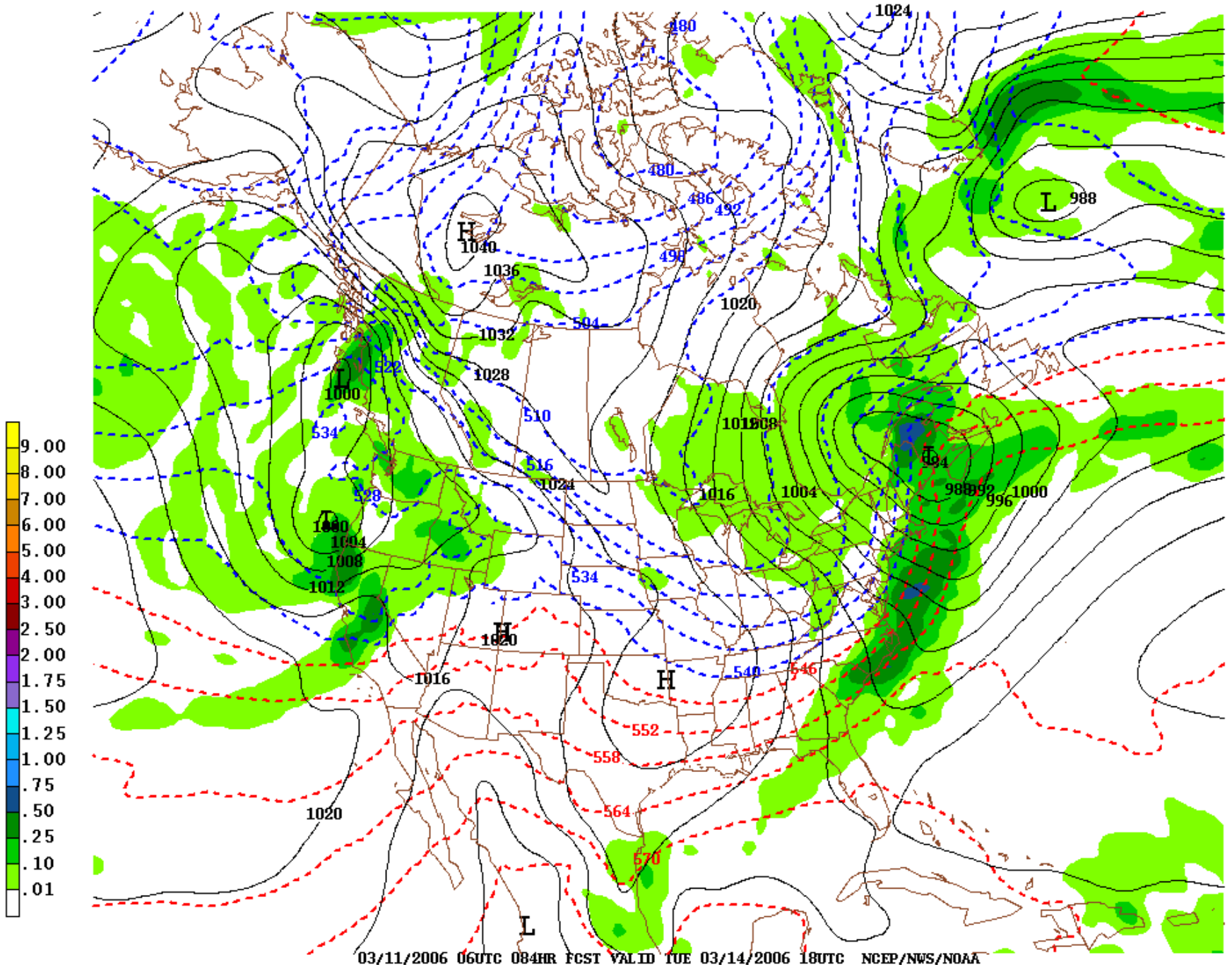
48 hr forecast valid 0000 UTC Mon 13 Mar 2006



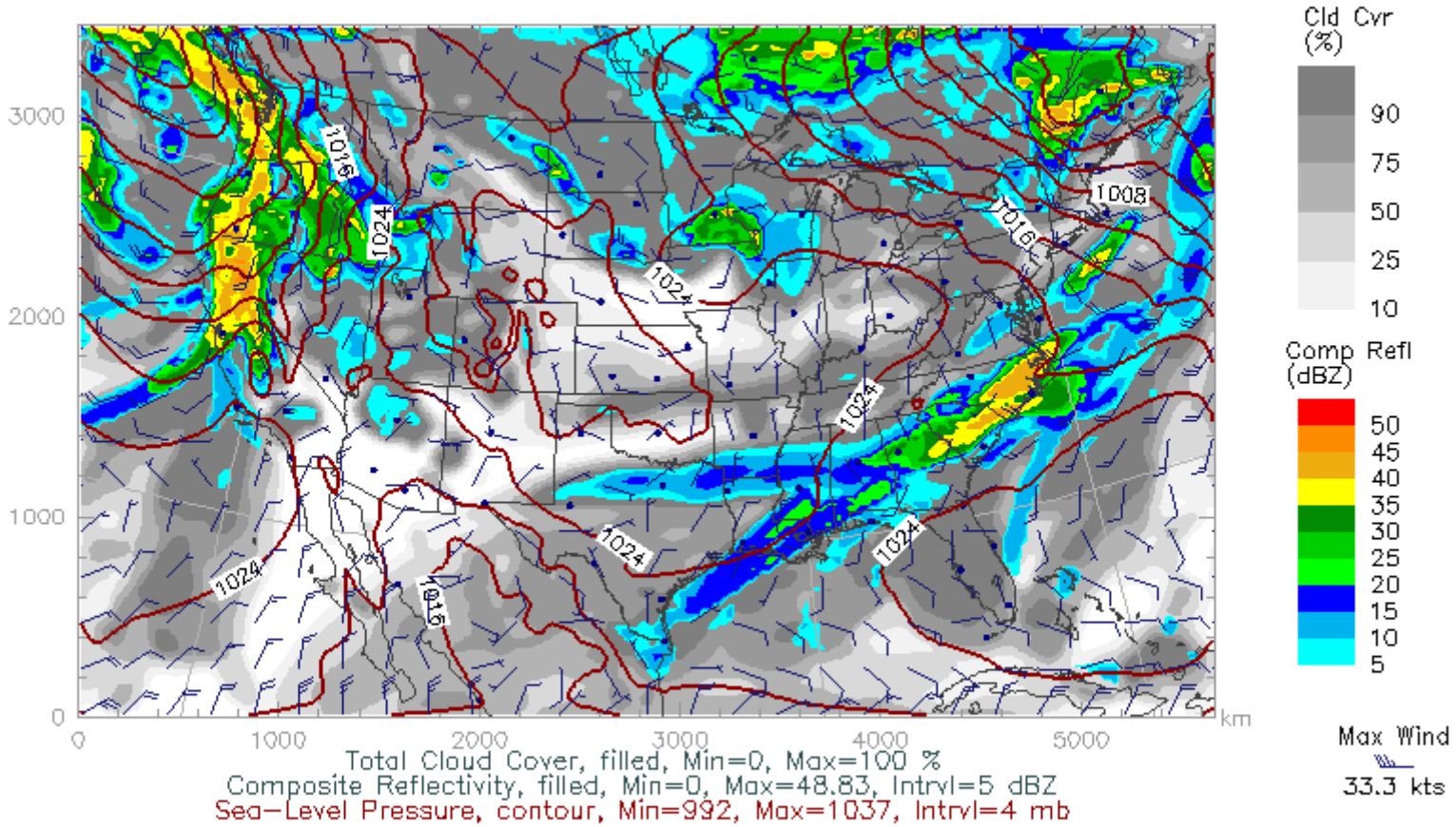
Rain Snow Wintry mix


060313/1800V060 GFS MSLP ,PRECIP, 1000-500 MB THICKNESS
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.50
2.00
1.75
1.50
1.25
1.00
.75
.50
.25
.10
.01
03/11/2006 06UTC 060HR FCST VALID MON 03/13/2006 18UTC NCEP/NWS/NOAA

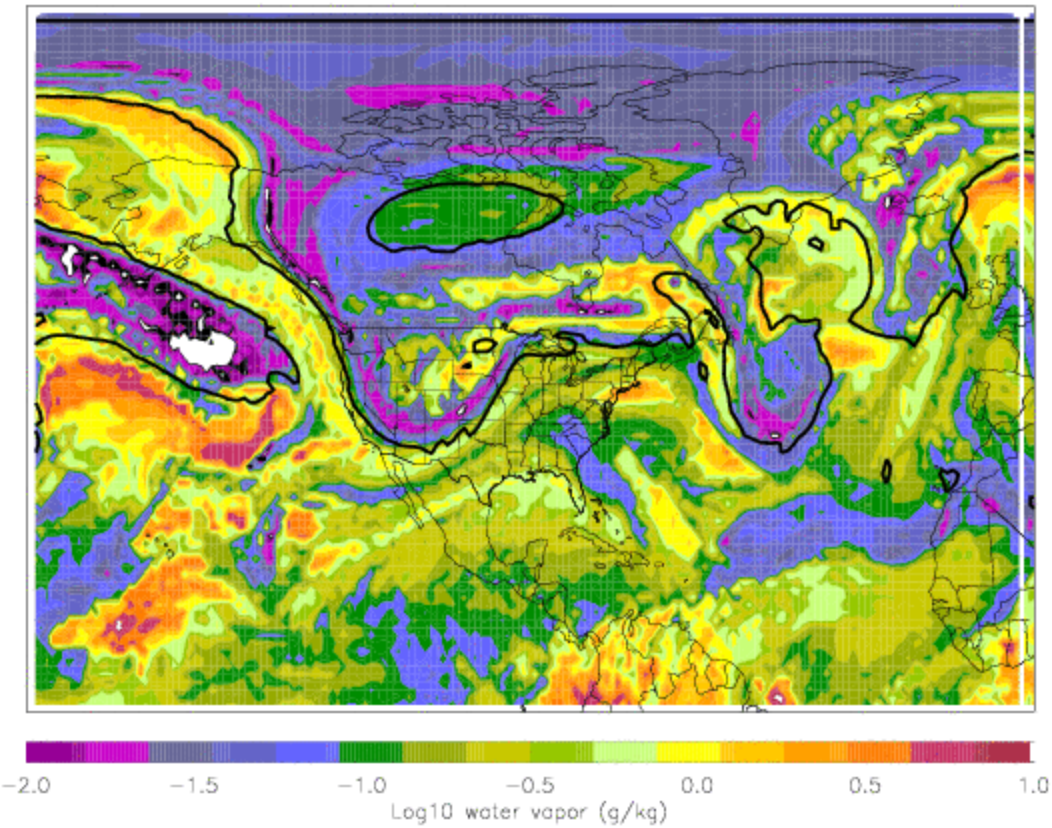
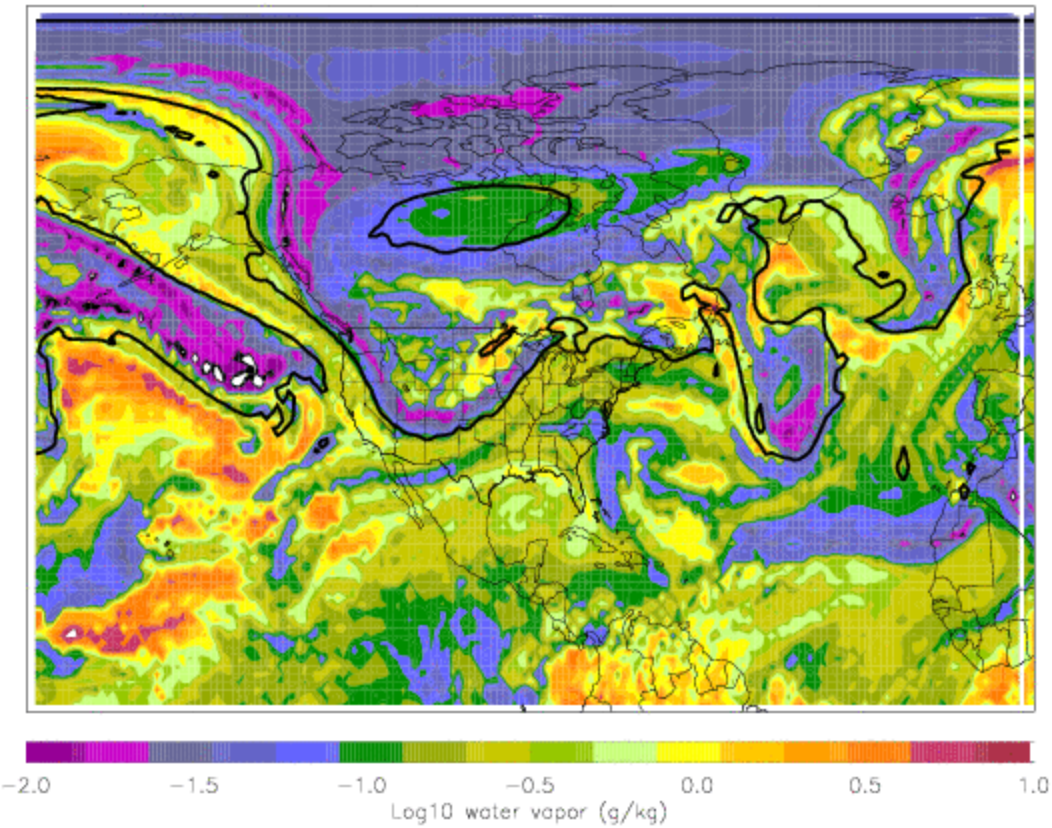

060313/1800V060 GFS 500 MB HGT, GEO ABS VORTICITY
40
36
32
28
24
20
16
03/11/2006 06UTC 060HR FCST VALID MON 03/13/2006 18UTC NCEP/NWS/NOAA


060314/1800V084 GFS MSLP ,PRECIP, 1000-500 MB THICKNESS
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.50
2.00
1.75
1.50
1.25
1.00
.75
.50
.25
.10
.01
03/11/2006 06UTC 084HR FCST VALID TUE 03/14/2006 18UTC NCEP/NWS/NOAA

84 hr ARPS forecast valid Tue, 14 Mar 2006, 6 am CST (12Z)
Radar, Clouds, MSL Pressure



200–400mb Layer averaged –48hr RDF water vapor valid 2006031300
(Layer averaged 2.5 PVU isopleth in Black)



200–400mb Layer averaged –48hr RDF water vapor valid 2006031306
(Layer averaged 2.5 PVU isopleth in Black)